

**ASUS Vivobook S 15 OLED (K5504)**[Overview](#) [Laptop-OLED](#) [Tech Specs](#) [Review](#) [Support](#)

Viewing 1 - 2 of 2



| Model                     | K5504VA  | K5504VN  |
|---------------------------|--|--|
| Color                     | Solar Blue<br>Midnight Black<br>Cool Silver<br>Cream White   | Midnight Black<br>Cool Silver<br>Cream White<br>Solar Blue   |
| Operating System          | Windows 11 Home - ASUS recommends Windows 11 Pro for business  | Windows 11 Home - ASUS recommends Windows 11 Pro for business<br>Windows 11 Pro - ASUS recommends Windows 11 Pro for business  |
| Processor                 | Intel® Core™ i9-13900H Processor 2.6 GHz (24MB Cache, up to 5.4 GHz, 14 cores, 20 Threads)<br>Intel® Core™ i5-13500H Processor 2.6 GHz (18MB Cache, up to 4.7 GHz, 12 cores, 16 Threads)<br>Intel® Core™ i7-13700H Processor 2.4 GHz (24MB Cache, up to 5.0 GHz, 14 cores, 20 Threads)   | Intel® Core™ i9-13900H Processor 2.6 GHz (24MB Cache, up to 5.4 GHz, 14 cores, 20 Threads)<br>Intel® Core™ i5-13500H Processor 2.6 GHz (18MB Cache, up to 4.7 GHz, 12 cores, 16 Threads)<br>Intel® Core™ i7-13700H Processor 2.4 GHz (24MB Cache, up to 5.0 GHz, 14 cores, 20 Threads)   |
| Graphics                  | Intel® Iris Xe Graphics<br>*Intel Iris X® Graphics is only available in models with Intel® Core™ i5/i7/i9 processors and dual-channel memory.  | Intel® Arc™ A350M Graphics<br>4GB GDDR6<br>Intel® Iris Xe Graphics<br>*Intel Iris X® Graphics is only available in models with Intel® Core™ i5/i7/i9 processors and dual-channel memory.   |
| Display                   | 15.6-inch, 2.8K (2880 x 1620) OLED 16:9 aspect ratio, 0.2ms response time, 120Hz refresh rate, 600nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 600, 1.07 billion colors, PANTONE Validated, Glossy display, 70% less harmful blue light, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)86%<br>15.6-inch, FHD (1920 x 1080) OLED 16:9 aspect ratio, 0.2ms response time, 60Hz refresh rate, 600nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 600, 1.07 billion colors, PANTONE Validated, Glossy display, 70% less harmful blue light, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)86%<br>15.6-inch, FHD (1920 x 1080) 16:9 aspect ratio, LED Backlit, 60Hz refresh rate, 300nits, 100% sRGB color gamut, Anti-glare display, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)86% | 15.6-inch, 2.8K (2880 x 1620) OLED 16:9 aspect ratio, 0.2ms response time, 120Hz refresh rate, 600nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 600, 1.07 billion colors, PANTONE Validated, Glossy display, 70% less harmful blue light, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)86%<br>15.6-inch, FHD (1920 x 1080) 16:9 aspect ratio, LED Backlit, 60Hz refresh rate, 300nits, 100% sRGB color gamut, Anti-glare display, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)86%<br>15.6-inch, FHD (1920 x 1080) OLED 16:9 aspect ratio, 0.2ms response time, 60Hz refresh rate, 600nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 600, 1.07 billion colors, PANTONE Validated, Glossy display, 70% less harmful blue light, TÜV Rheinland-certified, Non-touch screen, (Screen-to-body ratio)86% |
| Memory                    | 16GB LPDDR5 on board<br>Max Total system memory up to:16GB<br>*Supports dual-channel memory.<br>8GB LPDDR5 on board<br>Max Total system memory up to:8GB<br>*Supports dual-channel memory.   | 16GB LPDDR5 on board<br>Max Total system memory up to:16GB<br>*Supports dual-channel memory.<br>8GB LPDDR5 on board<br>Max Total system memory up to:8GB<br>*Supports dual-channel memory.   |
| Storage                   | 1TB M.2 NVMe™ PCIe® 4.0 SSD<br>512GB M.2 NVMe™ PCIe® 4.0 SSD<br>256GB M.2 NVMe™ PCIe® 4.0 SSD  | 1TB M.2 NVMe™ PCIe® 4.0 SSD<br>512GB M.2 NVMe™ PCIe® 4.0 SSD   |
| I/O Ports                 | 1x USB 2.0 Type-A<br>1x USB 3.2 Gen 1 Type-A<br>1x Thunderbolt™ 4 supports display / power delivery<br>1x HDMI 1.4<br>1x 3.5mm Combo Audio Jack<br>1x DC-in  | 1x USB 2.0 Type-A<br>1x USB 3.2 Gen 1 Type-A<br>1x Thunderbolt™ 4 supports display / power delivery<br>1x HDMI 1.4<br>1x 3.5mm Combo Audio Jack<br>1x DC-in  |
| Keyboard & Touchpad       | Backlit Chiclet Keyboard, 1.35mm Key-travel, Precision touchpad  | Backlit Chiclet Keyboard, 1.35mm Key-travel, Precision touchpad  |
| Camera                    | 1080p FHD camera<br>With privacy shutter   | 1080p FHD camera<br>With privacy shutter   |
| Audio                     | Smart Amp Technology<br>Built-in speaker<br>Built-in array microphone<br>harman/kardon (Mainstream)<br>with Cortana voice-recognition support  | Smart Amp Technology<br>Built-in speaker<br>Built-in array microphone<br>harman/kardon (Mainstream)<br>with Cortana voice-recognition support  |
| Network and Communication | Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)  | Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)  |

|                                    |  |  |
|------------------------------------|--|--|
| <b>Battery</b>                     | 75WHrs, 252P, 4-cell Li-ion<br>70WHrs, 351P, 3-cell Li-ion   | 75WHrs, 252P, 4-cell Li-ion<br>70WHrs, 351P, 3-cell Li-ion   |
| <b>Power Supply</b>                | ø4.5, 90W AC Adapter, Output: 19V DC, 4.74A, 90W, Input: 100~240V AC 50/60Hz universal   | ø4.5, 90W AC Adapter, Output: 19V DC, 4.74A, 90W, Input: 100~240V AC 50/60Hz universal   |
| <b>Weight</b>                      | 1.70 kg (3.75 lbs)   | 1.70 kg (3.75 lbs)   |
| <b>Dimensions (W x D x H)</b>      | 35.93 x 22.94 x 1.79 ~ 1.79 cm (14.15" x 9.03" x 0.70" ~ 0.70")  | 35.93 x 22.94 x 1.79 ~ 1.79 cm (14.15" x 9.03" x 0.70" ~ 0.70")  |
| <b>Built-in Apps</b>               | MyASUS<br>ScreenXpert<br>GlideX  | MyASUS<br>ScreenXpert<br>GlideX  |
| <b>MyASUS Features</b>             | System diagnosis<br>Battery health charging<br>Fan Profile<br>Splendid<br>Tru2Life<br>Function key lock<br>WiFi SmartConnect<br>Link to MyASUS<br>TaskFirst<br>Live update<br>ASUS OLED Care<br>AI Noise Canceling | System diagnosis<br>Battery health charging<br>Fan Profile<br>Splendid<br>Tru2Life<br>Function key lock<br>WiFi SmartConnect<br>Link to MyASUS<br>TaskFirst<br>Live update<br>ASUS OLED Care<br>AI Noise Canceling |
| <b>ASUS Exclusive technology</b>   | ASUS Antimicrobial Guard   | ASUS Antimicrobial Guard   |
| <b>Microsoft Office</b>            | Microsoft Office Home & Student 2021<br>Microsoft 365 Personal 1-year included   | Microsoft 365 Personal 1-year included   |
| <b>Military Grade</b>              | US MIL-STD 810H military-grade standard  | US MIL-STD 810H military-grade standard  |
| <b>Ecolabels &amp; Compliances</b> | Energy star 8.0<br>RoHS<br>REACH   | Energy star 8.0<br>RoHS<br>REACH   |
| <b>Security</b>                    | BIOS Booting User Password Protection<br>Trusted Platform Module (Firmware TPM)<br>McAfee®<br>Fingerprint sensor integrated with Power Key   | BIOS Booting User Password Protection<br>Trusted Platform Module (Firmware TPM)<br>McAfee®<br>Fingerprint sensor integrated with Power Key   |
| <b>Included in the Box</b>         | Backpack   | Backpack   |
| <b>Disclaimer</b>                  | This product has only been tested for compatibility with the Windows 11 operating system, and may encounter compatibility issues if Windows 10 or older OS versions are installed.                                 | This product has only been tested for compatibility with the Windows 11 operating system, and may encounter compatibility issues if Windows 10 or older OS versions are installed.                                 |
| <b>OLED</b>                        | OLED   | OLED   |



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\*The Windows 11 upgrade will be delivered to qualifying devices late 2021 into 2022. Timing will vary by device. Certain features require specific hardware (see aka.ms/windows11-spec).<sup>†</sup>The Windows 11 upgrade will be delivered to qualifying devices late 2021 into 2022. Timing will vary by device. Certain features require specific hardware (see aka.ms/windows11-spec).\*

IPS stands for in-plane switching, a type of LED (a form of LCD) display panel technology.

Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-world situations.

The actual transfer speed of USB 3.0, 3.1, 3.2, and/or Type-C will vary depending on many factors including the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment.

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- Price may not include extra fee, including tax · shipping · handling · recycling fee.
- For pricing information, ASUS is only entitled to set a recommendation resale price. All resellers are free to set their own price as they wish.
- WiFi 6E availability may vary by country and their specific regulations. Feature only supported by Windows 11 or later.

\* Result from Mobile Mark 2014 office productivity.

**ASUS** Laptops For Home Vivobook ASUS Vivobook S 15 OLED (K5504)

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